

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

Model Results

Predicted value: 3.43

Global applicability domain: Inside

Local applicability domain index: 3.87e-01

Confidence level: 8.02e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Simazine</div> <div>Measured: 3.63</div> <div>Predicted: 3.44</div>	<div>Image not found</div> <div>Atrazine</div> <div>Measured: 7.94</div> <div>Predicted: 8.63</div>	<div>Image not found</div> <div>Bromacil</div> <div>Measured: 3.24</div> <div>Predicted: 2.87</div>
<div>Image not found</div> <div>Dimethoate</div> <div>Measured: 1.58</div> <div>Predicted: 1.88</div>	<div>Image not found</div> <div>Carbendazim</div> <div>Measured: 2.51</div> <div>Predicted: 2.38</div>	